

Julian Ruiz

Senior Blockchain Engineer | Smart Contracts & Web3 Full Stack Development | Solidity.

SUMMARY

- Blockchain Engineer with 3+ years of experience in DeFi, smart contracts, and Web3 full stack development using Solidity, Foundry, React, TypeScript, wagmi, and viem.
- Skilled in secure smart contract development, fuzz testing, invariant testing, mainnet fork testing, and static analysis with Slither and Aderyn.
- Built scalable DeFi governance, vault, treasury, NFT, and subscription-based blockchain systems, plus fintech payment infrastructures integrating Binance APIs and microservices.
- Experienced with ERC20, ERC721, and ERC4626 standards, decentralized voting systems, and full stack development using Node.js, Express, React, and REST APIs.

TECHNICAL SKILLS

Main Technical Skills	Solidity (4 yr.), Foundry (2 yr.), React (4 yr.), TypeScript (4 yr.)
Programming Languages	JavaScript (4 yr.), Solidity (4 yr.), TypeScript (4 yr.)
JavaScript Libraries and Tools	Ethers.js (4 yr.), React Native (4 yr.)
JavaScript Frameworks	Express (4 yr.), Node.js (4 yr.), React (4 yr.)
Ruby Frameworks	Ruby on Rails
Salesforce Ecosystem	SalesForce Workflow (4 yr.)
Data Analysis and Visualization Technologies	Celonis (4 yr.)
Databases & Management Systems / ORM	PostgreSQL (4 yr.), Supabase
UI Frameworks, Libraries, and Browsers	Tailwind CSS (2 yr.)
Azure Cloud Services	Azure VM (4 yr.)
SDK / API and Integrations	API (4 yr.), API testing (4 yr.), RESTful API (4 yr.)
QA, Test Automation, Security	API testing (4 yr.), Unit Testing (4 yr.), Usability tests (4 yr.)
Blockchain and Decentralized Software	DeFi (4 yr.), ERC-20 (4 yr.), ERC-721 (4 yr.), Ethers.js (4 yr.), Foundry (2 yr.), Hardhat (4 yr.), MetaMask (4 yr.),

	OpenZeppelin (4 yr.), RainbowKit (2 yr.), Stellar, Viem (2 yr.), WAGMI (2 yr.)
Methodologies, Paradigms and Patterns	microservices (4 yr.)
Operating Systems	Unix (4 yr.)
Mail / Network Protocols / Data transfer	WebSockets
Other Technical Skills	InterPlanetary File System, Slither (2 yr.)

WORK EXPERIENCE

Full Stack Blockchain Engineer - Investment Armendariz (DeFi Platform - Governance, Vault Infrastructure, Treasury Systems)

Duration: Aug 2025 - Present

Summary:

- A decentralized finance (DeFi) platform focused on governance, vault infrastructure, treasury systems, and on-chain operational controls
- The platform aims to provide secure and scalable DeFi services with robust smart contract architecture and user-friendly Web3 integration

Responsibilities:

- Develop Solidity smart contracts and support protocol architecture decisions across smart contracts, frontend, and Web3 integration layers.
- Build modular frontend features using React, TypeScript, wagmi, viem, RainbowKit, and TailwindCSS.
- Implement Foundry-based testing workflows including unit, fuzz, invariant, stateful, and mainnet fork testing.
- Apply security analysis workflows using Slither and Aderyn to improve smart contract validation, maintainability, and protocol reliability.

Technologies: Solidity, Foundry, React, TypeScript, wagmi, viem, RainbowKit, TailwindCSS, Slither, Aderyn

Full Stack Developer - Vita Wallet (Fintech & Crypto Integrations Platform)

Duration: Oct 2021 - Nov 2025

Summary:

- A fintech and crypto-related platform providing payment infrastructure, API integrations, backend services, and frontend applications
- The platform integrates third-party APIs including Binance services to facilitate payment processing and transaction workflows

Responsibilities:

- Developed and maintained platform features across payment infrastructure, API integrations, backend services, and frontend applications.
- Integrated third-party APIs including Binance-related services.



- Worked on backend services, microservices architecture, React frontend, React Native features, PostgreSQL workflows, and TypeScript/JavaScript codebases.
- Improved platform stability and maintainability through unit testing, integration testing, debugging, production support, and performance improvements.

Technologies: React, React Native, TypeScript, JavaScript, Node.js, Express.js, PostgreSQL, Microservices, Binance API

Freelance Blockchain & Web3 Developer (Various Blockchain and Web3 Applications)

Duration: Dec 2021 - Present

Summary:

- Designed and developed blockchain and Web3 applications focused on DeFi infrastructure, NFTs, tokenized platforms, governance systems, healthcare services, payment integrations, and decentralized applications
- Projects include smart contracts and dApps with a focus on security and modern Web3 tooling

Responsibilities:

- Built smart contracts using Solidity and OpenZeppelin standards including ERC20, ERC721, and subscription-based blockchain systems.
- Developed decentralized applications using React, Ethers.js, wagmi, MetaMask, JSON-RPC flows, and modern Web3 tooling.
- Implemented security-focused development workflows including smart contract testing, static analysis, fuzz testing, and validation practices.

Technologies: Solidity, OpenZeppelin, ERC20, ERC721, React, Ethers.js, wagmi, MetaMask, JSON-RPC, Hardhat, Foundry, Slither, Aderyn

Technical Instructor | Full Stack Development - Henry (Full Stack Software Engineering Mentorship)

Duration: Jan 2023 - Present

Summary: Mentorship program for students in full stack software engineering projects covering backend architecture, REST APIs, frontend development, database design, authentication, and scalable application architecture.

Responsibilities:

- Mentored students in backend architecture, REST APIs, frontend development, database design, authentication, and scalable application architecture.
- Provided technical guidance on Node.js, Express.js, React.js, RESTful APIs, frontend/backend integration, debugging, and maintainable development workflows.

Technologies: Node.js, Express.js, React.js, REST APIs

EDUCATION

- **London School of Commerce**
English Language and Literature
2025



CERTIFICATION

- **Cyfrin Updraft**
Smart Contract Security
2024 - 2025
- **Henry**
Full Stack Developer Program
2021
- **Platzi**
Blockchain and Cryptocurrency School
2021 - 2022

